

From owner-qrp-1@netcom.com Sun Nov 6 07:10:04 1994
Date: Fri, 28 Oct 94 15:21:46 HST
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Message-Id: <9410290121.AA01614@kahuna.math.hawaii.edu>
Subject: Re: 160 meter beacon ??

I received a letter from the FCC regarding the 160M beacon that may have changed my mind: No automatic control of beacons is allowed below 10M, i.e., I'd have to sit there day and night babysitting the beacon. Phooey on that. Also, no one seemed to like my choice of frequency: 1801 kc.

But I've received a lot of prompting about the 10M beacon from the Region 1 Beacon Coordinator since there is a vacume of beacons in the Pacific. I had bought an almost new HTX-100 with the thought of using it as the beacon xmtr but decided it was too nice of a radio to tie up in that manner!

Someone's offered me an old xtal CB for \$20 so if it's easily convertible to 10M I'll get it.

Now just I'm waiting for a keyer to fall into my lap, otherwise I'll follow through with my threat of building a code wheel driven by a clock motor!

I move slow on my projects since I'm preparing for my mathematics Ph.D. qualifying exams - 12 hours per day studying doesn't leave much time to play...

Jeff NH6IL

From owner-qrp-1@netcom.com Sun Nov 6 09:19:24 1994
Date: Sun, 6 Nov 94 02:25:10 HST
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Message-Id: <9411061225.AA23494@kahuna.math.hawaii.edu>
Subject: Amazing...

I sent qrp-1 a note on Friday October 28th and it just appeared here on the list Sunday November 6th! My goodness - that's 9 days. The info super highway has truly become a muddy pot-holed road. You folks would have gotten it sooner if I'd used the postal service!

Jeff NH6IL

Time of dispatch: 6 November 0225 HST

From owner-qrp-l@netcom.com Sun Nov 6 12:19:04 1994
Date: Sun, 6 Nov 1994 12:00:38 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: Amazing...
Message-Id: <Pine.3.87.9411061238.E12919-0100000@random.ucs.mun.ca>

Jeff - what are you doing staying up so late - 0225 HST. No wonder why your mail gets lost - it disappears into the Hawaiian - West Coast tropo inversion - always send stuff when the "grey line" is in effect...

72 Bob VO1DRB/WA6ERB

PS: Things seem to be getting better on the QRP-L - the Ex-Lax worked

On Sun, 6 Nov 1994, Jeffrey Herman wrote:

>
>
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> here on the list Sunday November 6th! My goodness - that's 9 days.
> The info super highway has truly become a muddy pot-holed road. You
> folks would have gotten it sooner if I'd used the postal service!
>
> Jeff NH6IL
>
> Time of dispatch: 6 November 0225 HST
>

From owner-qrp-l@netcom.com Sun Nov 6 10:38:28 1994
Date: Sun, 6 Nov 1994 07:32:41 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: cw sweepstakes
Message-Id: <Pine.SUN.3.91.941106073139.13230A-100000@ume>

Where is everybody.?
This is the one contest where they want to know if you are qrp.
Conditions are excellent. Causually operating with over 100 qso's so far
an not a fellow qrp to be seen.>

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
EMAIL: zabrodsk@med.ucalgary.ca *
Packet: VE6GK@VE6YYC.#cgy.ab.can.na * "Power is no subsititute
Phone: (403) 271-5123 Fax: 225-1276 * for skill."

From owner-qrp-1@netcom.com Sun Nov 6 02:42:34 1994
Date: Sat, 5 Nov 1994 21:35:47 -0700
Message-Id: <199411060435.VAA04839@bud.indirect.com>
From: nystedt@indirect.com (John Nystedt)
Subject: Re: Hamstick Revisited

At 01:06 PM 11/5/94, Monte Stark wrote:

>On Sat, 5 Nov 1994, chuck adams wrote:

>

>>

> I considered packing on in a plastic/fiberglass/aluminum case used
>> by fishermen to transport their equipment on airlines.

>>

>> I went down to the friendly Sports Town emporium near
>> the office to have a look. What a shocker!! I know
>> that fishermen have more money 'cuz of the cost of a
>> boat now. :-) The starting price was \$70 US for a
>> fiberglass case about 4 to 5 feet in length. This would
>> hold several hamsticks, but would in itself cost more than
>> all that it could hold. I'll try the cheaper places when
>> I get back from the FL Keys.

Chuck,

Try your local hardware store, they have a wide selection of PVC pipe (used
for sprinkler systems, ect) screw caps etc. You should be able to construct
a sutable case for a few dollars

(john)

From owner-qrp-1@netcom.com Mon Nov 7 00:48:42 1994
Date: Sun, 6 Nov 1994 20:33:28 -0800 (PST)
From: Alan Kaul <kaul@netcom.com>
Subject: Re: Hamstick Revisited
Message-Id: <Pine.3.89.9411062048.A29855-0100000@netcom5>

Chuck -- here's a thought for the ''hamstick carrier'':

Buy a piece of PVC an inch or two in diameter. Cut it to fit the
Hamstick. Buy two end caps --- and glue one in place on one end.
Use the other without glue as a removable cap.

If you decide to use that as check-in baggage, suggest you install a
set screw to hold the top cap firmly in place (lest it come off
in transit, spilling your Hamstick into the belly of some
cargo hold). Now, if we were really inventive, we'd figure
out a way to cut threads into the PVC pipe or end cap so that it
could be used as a mast to get the Hamstick 4-5 feet higher

into the air, or 4-5 feet father out away from the hotel balcony. And if we're cutting threads, don't forget a solder lug for the shield end of the attaching coax so you'll have a good place to hang a radial!

Happy DX-ing! PS -- for a fleeting moment in this weekend's SS contest, I thought I might snare you for a QSO when I copied the partial call sign ''F0.'' But alas, it was AB6F0 portable in KP2.

Perhaps next time. 72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-l@netcom.com Sun Nov 6 17:55:12 1994
From: Bruce Robertson <brucerob@epas.utoronto.ca>
Message-Id: <9411062043.AA15791@blues.epas.utoronto.ca>
Subject: hamsticks and mosfet finals
Date: Sun, 6 Nov 1994 15:43:39 -0500 (EST)

Gang:

I want to throw a bit of cold water on the discussion about hamstick dipoles, just in case someone gets the idea that these are the answer to their problems. I use hamsticks from my apt. balcony, and they work as well as such a design could be expected to work. Although I use it as a vertical, the following observations apply to the dipole configuration of any highly loaded element: A) restricted bandwidth. B) low efficiency. You simply can't get around this, certainly not with the low diameter coils used on these puppies.

One might reply that a dipole configuration is better. That depends. As the ARRL antenna book observes, one trades whatever ground return losses exist for the losses inherent in another loaded element. Then there is the question of the height above ground. A horizontally oriented radiator is going to suffer it's losses in pattern quality etc if very close to ground.

My suggestion is for portable work, consider the set-up that is shown in Nov. QST with a vertical whip and a good ground. For mobile work, I suspect the car-mounted configuration is going to be pretty compared to a dipole config. After all, this is half price.

Finally (and this is the motivation for me writing this) for those considering a home QRP set-up and who have any space for wire antennas at all, remember that QRP is largely in the antenna. A good ole dipole or 1/4 vertical radiator will knock the socks off the loaded one.

Now for mosfets: reading the Hayward Tech. Note on mosfet finals (QST 1990?) piqued my interest. He, however, seemed to stick to

class AB operation. Has anyone any advice or experience for 12v mosfet final design that operates class C? (I'm thinking of perhaps 10+ watts out.)

72, VE3UWL

Bruce G. Robertson Dept. of Classics U. of T.

From owner-qrp-l@netcom.com Sun Nov 6 20:48:54 1994

From: K7YHA@aol.com

Date: Sun, 6 Nov 1994 18:40:14 -0500

Message-Id: <9411061840092114072@aol.com>

Subject: Re: hamsticks and mosfet finals

Hi Gang:

Like any mobile-type antenna, the Hamsticks are less than desireable as far as efficiency is concerned. I have used the Hustler mobile whip and coils for over 15 years with "good" results. Now let's qualify "good".

"Good" to me means that I can make contacts with the antenna. The fact that I am using a much shorter-than-normal vertical whip that happens to be coil loaded near the top (as with the Hustler series) coupled with a 13 to 18 dB disparity in RF power (when compared to the "normal" transmitters on the band) makes for some rather frustrating operating. But it is all worth the frustration and trouble. I enjoy HF mobiling. Unfortunately I haven't done much lately but that may change if I can procure one of the Index Labs rigs.

Since I use a Toyota van (1985) I was really impressed with Al Brogdon, K3KMO's set up that appeared on the cover of QST (either August or September). He has a number of Hamsticks mag-mounted along the top of the van roof. You can contact at at: Abrogdon@arrl.org for details.

As far as portable operation is concerned, use the longest amount of wire placed as high as you possibly can! I carry a sling-shot/fishing reel that allows me to place the ends of my antennas up to heights of 90 feet or more! This is the only method I have found that consistantly works. I've tried bow and arrows, fishing poles/reels, the "Quick-Launch" system sold by one vendor in Utah, rocks, wrenches, and anything else I could think up in a hurry. So far the only method that works each time is the sling-shot/fishing reel combo.

72 Rich

From owner-qrp-l@netcom.com Mon Nov 7 00:28:41 1994

Date: Sun, 6 Nov 1994 23:42:18 -0330 (NST)

From: Robert Gobrick <bgobrick@random.ucsf.mun.ca>

Subject: Re: hamsticks and mosfet finals

Message-Id: <Pine.3.87.9411062318.A20385-01000000@random.ucs.mun.ca>

Bruce,

Being up North here in Canada, like you, I'd like to throw some more cold water into the discussion of using loaded whips back to back as a dipole. Although it looks good on paper I have never got the satisfaction out of these things working. Twice I've tried using this configuration - the last time just recently off my apartment balcony here and this antenna is just not a good performer.

I've have recently switched to using the MFJ Super Hi-Q Loop and it has been a stellar performer off the same balcony (good for 30-10 meters). And it does work - 12 countries worked in the Fall ARCI QRP QSP party.

I know Chuck Adams is a big fan of these but I really believe anything else is better - I'd venture to say that you would do better using it as a vertical off the balcony and having a wire ground counterpoise running around would work better.

Let's here some success stories out there - forget what it says on paper - RF and antennas are magic anyway..

72 Bob V01DRB

From owner-qrp-1@netcom.com Mon Nov 7 00:41:48 1994
Date: Sun, 6 Nov 1994 23:52:20 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: hamsticks and mosfet finals
Message-Id: <Pine.3.87.9411062319.B20385-01000000@random.ucs.mun.ca>

Rich - what's a sling shot - fishing reel combo. Is that something you buy that way or is it something you made up. It sounds interesting so if you have a few seconds can you describe it a little more.

Thanks,

73 72 Bob V01DRB/WA6ERB

From owner-qrp-1@netcom.com Sun Nov 6 21:24:27 1994
Date: Sun, 6 Nov 1994 19:11:34 -0500 (EST)
From: wynn c c <wyn@stc06.CTD.ORNL.GOV>
Subject: Legalize Drugs Spam
Message-Id: <Pine.OSF.3.91.941106190732.9592A-1000000@stc06.CTD.ORNL.GOV>

Wow!,

I think I just got spammed from netcom.com. Gee, I hope the postmaster has a large in-box.;-) I would guess that netcom.com would be useless the next few days.

72/73

C. C. (Clay) Wynn
N4AOX

From owner-qrp-l@netcom.com Sun Nov 6 04:45:28 1994
Date: Sat, 5 Nov 1994 08:01:03 -0600 (CST)
From: Theodore Drake <tdrake@metronet.com>
Subject: Re: Newgroup vs List, cont....
Message-Id: <Pine.HPP.3.90.941105075432.14974A-1000000@fohnix.metronet.com>

TNX Jeff! My mailbox has been overflowing since discovering qrp-l, yet I don't want to miss the dialog here.

For those interested the URL for WWW access to DAILY.QRP and 3DAY.QRP is

<ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy>

This gets you to the directory to read/download the traffic from qrp-l. The only drawback is you'll need to check it every 2 or three days so as not to miss something :-)

Work and family emergencies have prevented much operating as of late so I really appreciate this list and the new reprint I received today of Milliwatt -- great job guys!!!

On Mon, 31 Oct 1994
jeffrey@math.hawaii.edu wrote:

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> Just as a reminder to everyone, there is a daily digest available
> of all the day's articles on QRP-L from an ftp site. If the
> volume of emails is too much, then unsub from the list and
> ftp the digest each day:
> ftp sunsite.unc.edu          then
> cd /academic/agriculture/agronomy      then
> get DAILY.QRP
>
>
> Jeff NH6IL
>
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From owner-qrp-l@netcom.com Sun Nov 6 22:58:28 1994
Date: Sun, 6 Nov 1994 20:52:04 -0500 (EST)

From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: Re: QRP kits info needed
Message-Id: <Pine.3.89.9411062040.B23965-0100000@saturn.acs.oakland.edu>

On Sat, 5 Nov 1994, Mike Czuhajewski wrote:

> So someone is less than thrilled by the quality of the instructions
> provided by Dans Small Parts and Kits? (I've never seen any of his, so
> can't comment.) This sounds like a golden opportunity for someone to
> volunteer their services to Danny (KA7QJY, a supplier to the QRP
> community for many years) to write up better instructions in exchange,

Sorry Mike, I brought it up and I also called and FAXED ol' Dan and never heard back from him! That was last Christmas! Oh well...

73 =paul= wb8zjl

From owner-qrp-1@netcom.com Mon Nov 7 00:24:34 1994
Date: Sun, 6 Nov 1994 21:06:13 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: sweepstakes cw 94 qrp
Message-Id: <Pine.SUN.3.91.941106205856.15032D-100000@ume>

Worked everything I could hear, missed the 15 meter opening on sat afternoon
....gone flying (I'm a sucker for blue skies and rocky mountain vistas!)
Worked AA2U when he was at the 800+ q mark. He may be qrp but I bet he
has world class antennas based on his signal!

ARRL SWEEPSTAKES -- 1994

Call: VE6GK Country:
Mode: CW Category: Single Operator QRP

BAND	QSO	QSO PTS	SECTIONS
160	0	0	-
80	15	30	-
40	40	80	-
20	98	196	-
15	0	0	-
10	0	0	-

Totals	153	306	53

Score: 16,218

Power Output: 5 watts Hours of operation: 6 or 8

Equipment Description: icom 751a, nir 10 dsp
20 meter monobander 64 feet
inverted vee 60 feet
shunt loaded tower

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
EMAIL: zabrodsk@med.ucalgary.ca *
Packet: VE6GK@VE6YYC.#cgy.ab.can.na * "Power is no substitute
Phone: (403) 271-5123 Fax: 225-1276 * for skill."

From owner-qrp-1@netcom.com Sun Nov 6 04:20:55 1994
Subject: thanks from the fox
Date: Fri, 28 Oct 94 16:00:28 PDT
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>
Message-Id: <9410281600.aa09647@cruzio.cruzio.com>

I have posted this message twice prior.

Let's hope the 3rd time is the charm..

Finally had my turn as the fox.
Felt like a real contest with all the qrm.
Thought about turning on the BIGRIG & AMP to get a clean freq
as a lot of guys were severely encroaching on the freq, but I
didn't and made my stand qrp.
Worked 14 guys for sure and 1 maybe.
The maybe and I exchanged sig reports, but when I asked him if
he was in the fox hunt , he didnt come back to me.

The 14 in the log are :

1	w1hue	Larry	8	kf8ee	Ted ?
2	n4uox	Clay	9	k8bvj	Jack
3	w3pm	Gene	10	wb2sxn	Bing
4	ab5ou	Tim	11	n1irz	Dave
5	ac4qx	Red	12	ab4el	Steve
6	w5tfb	Jack	13	w2rxg	Bob
7	k5up	Glen	14	wa3nna	Pete

The maybe was kb7so.

Thanks to all you guys for working me.

I enjoyed doing this a lot, Thanks Chuck for setting this up.

72 Stan.

--

Stan Goldstein , N6ULU